

Freshman Weekend at midpoint

One third earn advance credits; boards best yet

Increasing standards of academic excellence are reflected in the College Entrance Examination Board scores of over 900 incoming freshmen this year. The average board scores are again the highest ever of an entering Freshman class.

Means in the mathematics and verbal aptitude tests are 669 and 742, respectively. The mean scores on achievements tests were: English, 643; advanced mathematics, 743; chemistry, 699; and physics, 688. In comparison, the average candidates who were rejected had better scores than the average freshman in 1954.

More than 280 freshmen are expected to receive advance placement credit.

Nearly half the class will receive scholarship assistance from private companies, foundations, and the National Merit Scholarship program as well as from MIT. The Institute alone has awarded 280 scholarships, and, in addition, will provide 225 loans from the largest college loan fund in the United States.

36 Coeds in Class

The 900 freshmen include 36 coeds and 44 foreign students. MIT continues to have the second largest percentage of foreign students at any United States educational institution.

The Midwestern states lead all geographical areas in numbers of students enrolling with 315. They are followed by: North Central, 169; New England, 132; West, 99; South, 81; South Central, 59.

Total expected enrollment this year is 6,600 students, of which 3,100 are candidates for graduate degrees.

EC, women's dormitory added to dialing system

This summer direct dialing dormline switchboards were installed in East Campus and the new women's dorm.

Also added to the dial system were the activities offices in Walker Memorial, Dean Fasset's office and home, and Dean Wadleigh's office.

The system was installed in the basement of Walker Memorial in the location of the old bowling alleys. There are now a total of 1900 lines to serve all of the dormitories except Bexley Hall. The cost of the new system is approximately \$100,000.

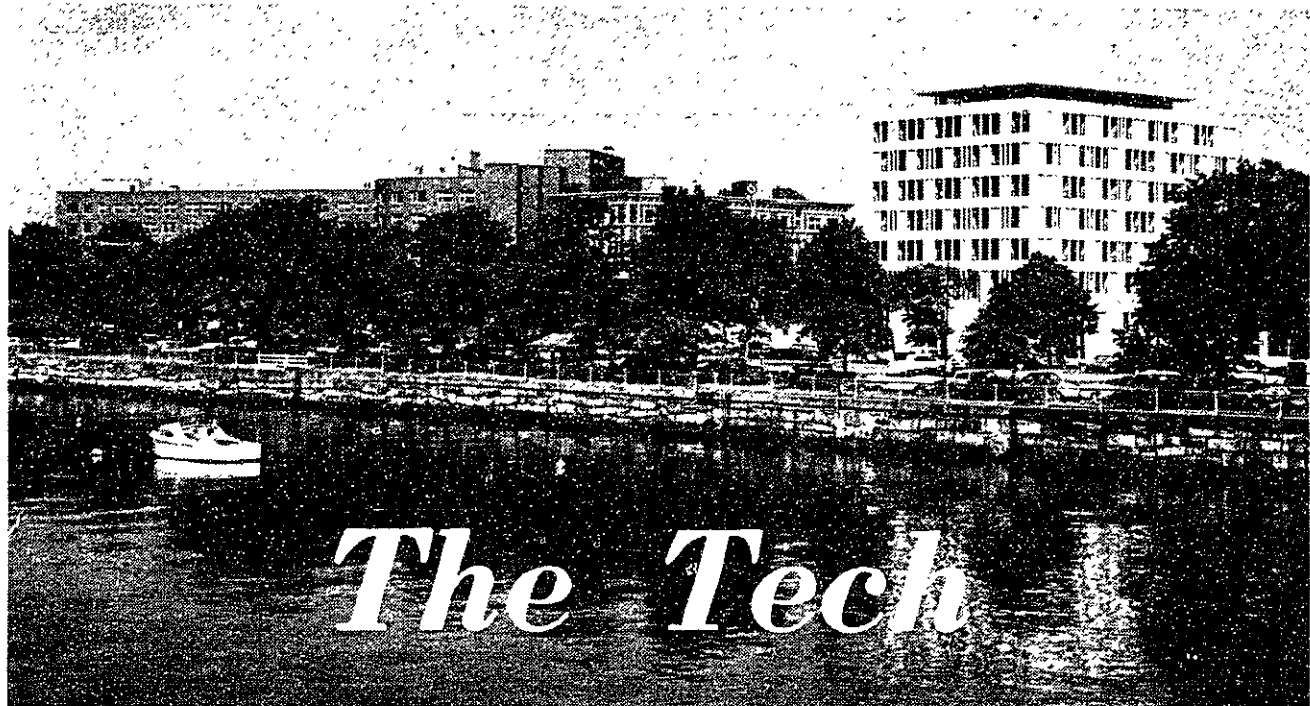
Lectures, Activities Midway head today's frosh slate

Several important events remain as Freshman Weekend draws to a close. Today's schedule includes a group of lectures entitled "Introduction to Technology," at Kresge Auditorium, followed by the Activities Midway.

President Julius A. Stratton and Dr. Warren K. Lewis, professor emeritus, will speak on "A Perspective on MIT: Past and Future." Dr. Hans-Lukas Teuber, professor of psychology, and Dr. Harold Edgerton, professor of electrical engineering, will also address the group.

The Activities Midway will follow that evening in Rockwell Cage at 7:45. Freshmen will have an opportunity then to familiarize themselves with the numerous and diversified extra-curricular activities available to the MIT community.

Freshman Week End will conclude with a reception given by President and Mrs. Stratton for freshmen and their parents from 3:00 to 5:30 pm at the President's House, 111 Memorial Drive.



The Tech

Vol. 83, No. 15

Cambridge, Massachusetts, Friday, September 20, 1963

Five Cents

Professor, administration official meet death unexpectedly during July

Two prominent members of the Institute community died unexpectedly during July. Mr. Robert M. Kimball, Secretary of the Institute, took his own life by shooting July 24 after a period of depression. Professor Houlder Hudgins of the School of Industrial Management died following a brief illness.

Mr. Kimball joined the Institute Staff as an assistant in the Registrar's Office after his graduation from MIT in 1933, became Assistant Registrar in 1935, and Assistant Director of Admissions in 1938, a position he held until 1950.

During the war, he assisted the Army Air Forces and the Navy in the establishment of their meteorological and areological programs. Mr. Kimball served, for two years, as the Administrative Associate Director of the Los

Alamos, New Mexico, Laboratory of the AEC.

During his past three years as Secretary of the Institute, he played a vital role in bringing the Second Century Fund program to successful completion.

Hudgins in Private Industry

Professor Hudgins, a graduate of Cornell University died July 20 at Massachusetts General Hospital. Before joining the MIT faculty in 1955, he worked in management positions in Mandel Brothers Department Store, Montgomery Ward Co., the Sloane-Blabon Corp., Alexander Smith Co., and Galen Van Meter, Inc.

He also served on the War Production Board and the Massachusetts Economic Stabilization Board. At the time of his death he was a Director of the Harvard Cooperative Society.

Student Center begun

Completion of housing facilities highlights summer construction

By David E. Trevvett

Construction, redecoration, repairs, and planning—the summer has seen a record output in all categories.

McCormick Hall (the women's dormitory) and Westgate (the married students' apartments) were finished; Bexley was readied for occupancy as an undergraduate male dormitory; construction was begun on the Student Center and the second building of Technology Square. In all, over 25 MIT buildings, both present and future, were affected.

Westgate

First to be completed were the three low-rise buildings in the Westgate complex. Opened on

August 19, the 60 apartments in these buildings are now fully occupied. All two-bedroom suites, they rent for \$137 per month.

The high-rise center building was opened September 3; according to Henry K. Dow, director of housing, the building should be fully occupied by Registration Day. Work is still in progress in the lobby and shades are still to be installed in some rooms. Workmen are grading around the area and building the children's play area.

This 15-story structure contains apartments of two categories—efficiencies and single bedrooms. The efficiencies contain a single main room plus bathroom, and rent for \$95, \$105, or \$115. The single-bedroom suites rent for \$120, \$125, or \$130. In both cases, the lowest price is for the bottom five floors, the next highest for the middle five, etc.

All apartments are unfurnished except for refrigerator, stove, and window blinds. The Westgate parking lot should accommodate about 70% of the residents' cars. Leases are for a full year.

McCormick Hall

The new women's dormitory, McCormick Hall, is open for use as of this month, and 96 of the 116 vacancies have been filled. This figure includes the 35 freshmen coeds and about 20 graduate students.

Except for minor touching up, the building is completely finished; the rooms still lack desks and book cases. McCormick's facilities will be handled and cared for by three maids, a handyman, a night watchman, and a manager, Mrs. Luttman-Johnson.

The girls are on compulsory commons, getting 20 meals per week (all except Sunday breakfast). Total cost for room and board is \$1100 for the year. At present open house hours are 2-5 pm on Sundays; males must be signed in as the girls' guests. Upperclass girls have no curfews, but freshmen have 11 pm on weekdays and 1 am on Fridays and Saturdays. All rules will be arranged jointly by Dean of Residence.

(Please turn to Page 3)

Staff Candidates

There will be a meeting of candidates for the staff of The Tech, Monday evening, September 23 (Registration Day) at 8 pm in The Tech's office, second floor of Walker Memorial. Anyone interested is invited to attend. For those unable to be present, there will be a similar meeting the following Thursday, September 26, same time and place.

Tobacco advertisers voluntarily end campus ads; newspapers to suffer

Until Summer, college journalism thought it had a tenacious grasp of the advertising tree. But on June 20, it became apparent that it had been hanging too heavily on one limb.

The tobacco industry, the largest single source of college publication advertising revenue, vol-

untarily and summarily cancelled almost all of its campus promotions.

The exact effect of this move is not predictable, but it seems certain to force a reduction in size of most college newspapers

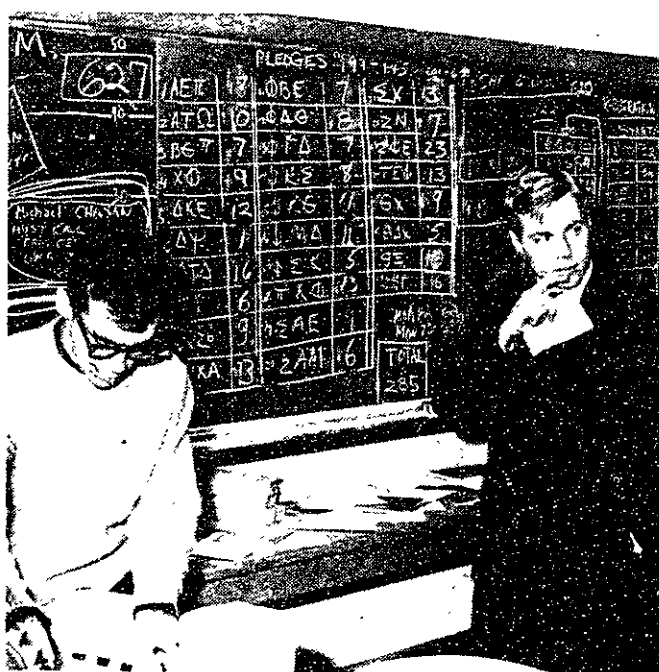
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Rush Week registration, pledging top last year's marks



Rush Week closed Wednesday with both registration and total number pledging up from last year. Rush Week registration was 630, topping last year's previous record high of 620. 323 men had pledged by Wednesday noon, the official close of Rush Week. Last year's total at that time was 306, and the final total was 338. Officials estimate that this year's final count may reach the 350 mark, an all-time high. The unofficial tabulation by fraternity is as follows:

Alpha Epsilon Pi	17	Phi Kappa Theta	12
Alpha Tau Omega	10	Phi Mu Delta	11
Beta Theta Pi	9	Phi Sigma Kappa	6
Chi Phi	10	Pi Lambda Phi	13
Delta Kappa Epsilon	15	Sigma Alpha Epsilon	10
Delta Psi	3	Sigma Alpha Mu	10
Delta Tau Delta	16	Sigma Chi	13
Delta Upsilon	8	Sigma Nu	9
Kappa Sigma	10	Sigma Phi Epsilon	24
Lambda Chi Alpha	17	Tau Epsilon Phi	15
Phi Beta Epsilon	8	Theta Chi	9
Phi Delta Theta	11	Theta Delta Chi	8
Phi Gamma Delta	8	Theta Xi	12
Phi Kappa Sigma	9	Zeta Beta Tau	16



IFC works overtime keeping track of rushees while frosh enjoy good eating. Totals on black board spell success.

—Photos by Stephen Teicher

Fellowships, medals, prizes awarded

A number of MIT faculty members were honored during the summer by educational, business, and industrial groups.

Walter Godchaux III, an instructor in the biology department was awarded MIT's Goodwin Medal in recognition of his outstanding teaching performance. This award is made by the graduate school in any year in which a graduate student clearly demonstrates "conspicuously effective teaching."

Godchaux received a B. S. degree in biology from MIT in 1960 and is presently Ph.D. candidate in the same department.

The Industrial Photographers Association of America named Dr. Harold E. Edgerton, Professor of Electrical Measurement, to receive its annual "Man of the Year" award. This award is presented to the person who has contributed outstandingly to the progress of industrial photography.

Edgerton Pioneers

Dr. Edgerton has earned international recognition for his achievements in the fields of stroboscopy and ultra high-speed photography. His pioneering research in stroboscopic photography was the foundation for the development of the present-day electronic speed flash. Dr. Edgerton originally perfected the use of stroboscopic lights in both ultra high-speed motion and still photography.

Four awards of \$500 each were presented on behalf of the TV Shares Management Corporation for excellence in teaching. Awards were established in 1957 to "help defray the expenses of graduate study of students working for advanced degrees in electrical and electronics engineering."

Winners were:

Ralph Alter, who received SB and SM degrees at MIT in 1961, became a teaching assistant in 1959 and an instructor in 1961.

Johnny Andersen, who was graduated from the University of Colorado in 1960 and received an SM degree from MIT in 1962, became a teaching assistant in 1960 and an instructor in 1962.

Alan V. Oppenheim, who received SB and SM degrees from MIT in 1961, became a teaching assistant in 1959 and an instructor in 1961.

Roger W. Sudbury, who received a BEE degree from Georgia Institute of Technology in 1960, be-

came a teaching assistant in 1960 and an instructor in 1962.

Tucker Award
The Carlton E. Tucker Award of \$500 for excellence in teaching went to James F. Janak, who received an SB degree from MIT in 1960 and an SM in 1962, became a teaching assistant in 1960 and an instructor in 1962.

Professor Richard Bolt, of the Electrical Engineering Department, and Professor Lucian Pye, of the Political Science Department, were awarded fellowships at the Center for Advanced Study in the Behavioral Sciences

in Stanford, California, for the 1963-64 academic year. These fellowships are intended to help universities strengthen their human resources for advanced research and training in the fields of behavioral science.

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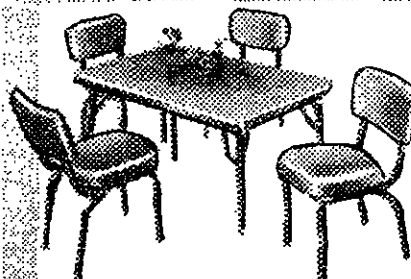


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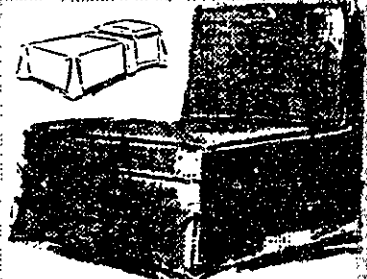
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Former Air Force R.O.T.C.

Corps Commander MIT Class of 1962

As a former student at M.I.T., I took advantage of the AFROTC Program. Upon graduation in 1962, I was commissioned a Second Lieutenant. With an educational delay from the Air Force, I completed my Master of Science in Nuclear Engineering at M.I.T. in 1963. In keeping with Air Force personnel policy in the utilization of its scientific and engineering officers, all of my classmates and I have received assignments in the fields of our choice. I have been assigned as a Nuclear Research Officer at the Aeronautical Propulsion Laboratory at Wright-Patterson Air Force Base, Dayton, Ohio. This Laboratory is part of the Aeronautical Systems Division of the Air Force. The Air Force is one of the world's most vital organizations and a leader in the expanding technological revolution. My future assignment is not only challenging but a responsible one in this vital organization for national security. Now, at the start of your college career, you too, have the opportunity to join Air Force ROTC—and receive your commission at the same time you graduate. I highly recommend that you contact Major Jack D. Alexander, US Air Force, Building 20-E-111, for further details.

2nd Lt. ROBERT BARTHELEMY, USAF



Institute's face changes as new buildings rise

(Continued from Page 1)

dence F. G. Fassett, Jr.; Mrs. Jacqueline Mattfeld, Assoc. Dean of Student Affairs; Prof. Lynwood S. Bryant, Housemaster; and the residents.

Bexley Hall

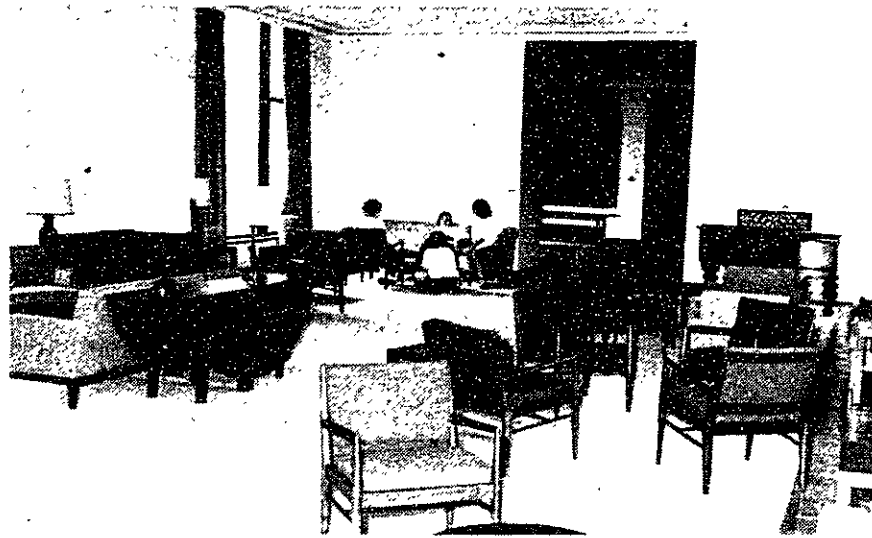
Also ready for occupancy are an undergraduate dormitory is Bexley Hall. The building will be unique in the dormitory system in having no public rooms—only apartments. The student occupancy totals 82, with class distribution uncertain at present. There will still be a few non-student families in three of the four entries.

Quite a bit of remodeling has been done to prepare the building for dormitory use. Each of the three-bedroom apartments was redone in conjunction with a neighboring single-bedroom to yield two two-bedroom apartments. This eliminated what would have been six-man suites, four-man apartments.

Other remodeling consisted mostly of painting and repapering wherever necessary. Partial soundproofing between living room and bedrooms was obtained through installation of sound baffles. All the rooms were fully equipped with East Campus style furniture. Each room also has a stove and refrigerator.

Bulletin boards have been placed in each entry. There is an MIT extension on each floor of each entry. Linen will be available thru Grad House linen service. According to Dean Fassett, it is anticipated that in the future there will be public recreation rooms.

As for house government, Dean Fassett had this to say: "The geometry of the building and the way of life will be entirely dif-



Combination lounge and living room welcomes largest class of coeds in MIT history. Thick carpeting and dark hardwood furniture produce a restful atmosphere for study and relaxation.

—Photo by Stephen Teicher

ferent. It'll be impossible to take another dorm's constitution and apply it here; Bexley's own form of house government must evolve. The residents will form their own government, but both the Dormitory Council and I will take a deep interest in its progress."

Student Center

The official start of construction on the Student Center isn't until next Monday, but work actually began last Tuesday. Bids for the job were received August 29, and a contract with Wexler Construction Co. was signed September 13. The project date of completion is June, 1965; after that furniture and other equipment will be installed, with the finished product hopefully being available for the fall semester. The building is being financed through the Housing and Home Finance Agency, as was Westgate.

As the Student Center will stand on the du Pont parking lot, this lot will no longer be available for

general use. The parking lot created on the Hennessey block, adjoining the construction site on Massachusetts Ave., will be used by the contractor for his vehicles. Some Institute parking has been moved to the temporary lot at Mass. Ave. and Albany St.

Technology Square

Construction is now well under way on the second building in the Technology Square complex. According to Mr. F. W. Watriss, assistant treasurer, the building should be completed in about a year, with occupancy scheduled for the fall of 1964. The first building contained about 140,000 sq. ft., and the new one will be about 15% larger.

Only part of the ground floor of the first building has not yet been rented, although there is an additional floor and a half of unoccupied space resulting from IBM's decision not to move in. IBM has subleased part of its space, including temporary office space for MIT's accounting office. The only other MIT-related group in the building is conducting a computer study on the eighth and ninth floors.

As Technology Square is purely an investment project, decision for constructing the remaining two buildings in the Square will await the successful leasing of the second building. A parking structure will also be needed then, as a zoning ordinance requires a certain ratio of parking space to building space.

Dormitory Improvements

Much of the work on dormitories this summer has been done in connection with the standard program of repair, maintenance, and physical improvements. This has been seen in painting of halls in Burton, Baker, and East Campus; new laminated plastic number plates on the doors in Burton and E.C.; new furniture in some Burton rooms and in the Crafts lounge in Senior House; and new shrubbery around many of the dorms.

Negotiations have been made to place a new elevator on the west side of Grad House, using a shaft which has been dead for 20 or 30 years. Installation should be made by December 2. The Campus Room has been redone, with an interior hallway being removed to provide more space. Additional dining storage space has been provided for the Campus Room, and access from the Room

to the new elevator has been provided. The overall effect of the improvements is to provide better access to and from the Campus Room, ease the removal of trash, and create a private, more appropriate entrance to the Master's Suite.

In Burton House, the ceiling of the dining hall was completely redone to give better acoustics and a more pleasing appearance; the exterior of the dining hall was painted, and two light bulbs were added to each of the drop lights inside.

Some improvements and repairs were made at 120 Bay State Rd., as there is a good chance that it will be used for undergraduate male housing, according to Mr. Jay Marden, assistant to the vice-president in charge of operations and personnel.

The mall on West Campus is beginning to take form, with the extension of the sidewalk behind Burton to connect with Westgate. Trees which were removed from the Student Center site early this summer have been planted along this walkway; lighting will be added in the future, as will a further extension to connect with McCormick Hall.

New elevators are planned for Burton House either late next Spring or during the Summer. Hopes were for a new shaft for the Conner side earlier, but struc-

tural difficulties were encountered and the shaft had to be redesigned.

Daggett Buildings

The Daggett Building complex in Kendall Square is being prepared for occupancy by administrative offices, the Clinical Research Center, and a Toxicology Lab. Renovation began in April, and should be completed by October, 1964.

At present the exterior is being completely redone, the interior having been previously stripped. Installation of equipment, including three elevators and air conditioning, will begin in November. Physical plant shops will be located on the first floor and basement.

Several leases were in effect when MIT acquired the complex of four buildings several years ago, so only three of these, totaling about 250,000 sq. ft., are available for immediate use.

Construction Summary

The following is a capsule summary of progress being made on other construction projects:

Space Research Center and Center for Advanced Engineering Study: both in the planning stages; architects have made preliminary sketches.

Life Sciences Building: surveying begins next week, with construction to start by September 30.

Green Earth Sciences Center: will be topped in October; hope for occupancy by March.

Materials Science Center: progress slow because of equipment breakdowns, but no serious trouble; contractor hopes to make up lost time later.

Parking Structure No. 2: being built on Vassar St., foundation and basement completed; hopefully completed by first of next year.

Building 3, second floor: improvements to make president's office more workable; includes recessed door.

Cyclotron: new building around cyclotron just completed.

Magnet Lab: Radiochemistry lab in building completed.

Great Court: drains placed along walk between Buildings 3 and 4.

Van de Graff generator has role in nerve grafting

The MIT Van de Graff generator has been used to make possible restoration of nerve functions with grafts.

Dr. James B. Campbell, associate professor of neurological surgery at the New York University Medical Center, has used frozen-irradiated nerve grafts from recently deceased donors, shielded by a thin, porous plastic sheath.

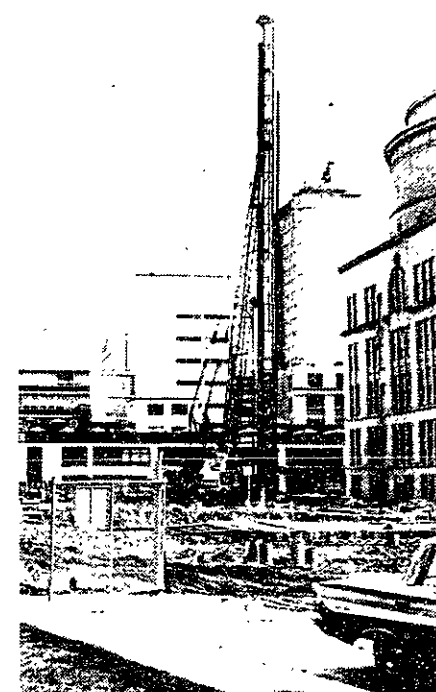
The radiation used in sterilizing the grafts modified them at the same time, with the result that they are accepted by the body of the recipient and do not set up an inflammatory tissue reaction.

The grafts can thus serve as a pathway for regenerating nerve fibers, while not themselves surviving once regeneration is complete.

Harvard Music Department to present 3 Bach evenings

The Harvard University Music Department will present three Bach evenings at the Sanders Theatre this fall. The programs, on October 5 and 21 and November 9, will feature the Festival Orchestra of New York and the New York Chamber Soloists.

Tickets for each concert are \$2.75 and are on sale at the Harvard Coop.



The pile-driver at work on the Materials Science Center behind the Great Dome seems to tower above even the Green Earth Sciences Center, now nearing completion.

—Photo by Dennis Craig

Finberg leaves ROTC to return to MIT for further study

Col. Irving W. Finberg '31, who three years ago became head of the Institute's Army ROTC unit, retired July 31 after 32 years of military service to resume studying at his alma mater.

Professor of Military Science Lt. Col. James W. Gilland will succeed him.

Colonel Finberg received his S. B. at MIT in building construction and his ROTC commission at the same time. He also graduated from the United States Army Engineer School, The Command and General Staff College, and the Army Supply Management School.

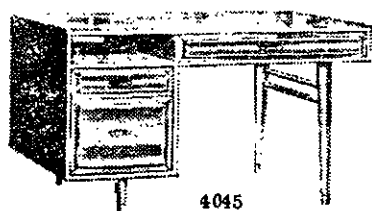
He plans to continue studies he has already begun towards a master's degree in City Planning.

Colonel Gilland has served in the Army for 19 years. He graduated from West Point in 1945 and was commissioned in the Field Artillery. He transferred to the Engineers in 1949 and in 1952 he received his master's degree in civil engineering from Texas A & M.

His assignments have included work with army troops and several construction projects.

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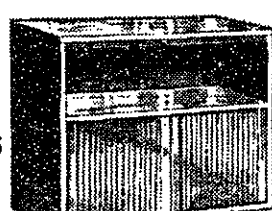
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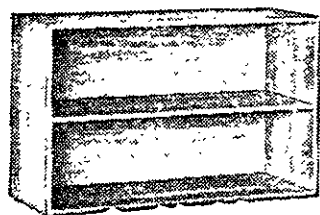
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Editorials

To freshmen:

Each year, the Editor of The Tech adds the fruit of his experience to a cornucopia of counsel that is perhaps too large for the freshman to digest.

To begin: what you now think about MIT is different from what you will think a week, a month, or four years hence. Everybody has periods of elation and depression, especially in this unique environment.

Most newcomers (not only freshmen) suffer from "Novemberitis," an epidemic of wholesale gloom just before Thanksgiving. During this time, you may even feel as if you are losing your sanity. Don't lose heart — you will feel happier soon.

A freshman's life tends to be a week-to-week existence, with little in sight before the next quiz. Life may seem an unending succession of disasters.

One freshman section leader found that almost everyone in his section felt he was doing worse than the others and in danger of flunking out. Obviously this is impossible. Thus (today's platitude), things are seldom as bad as they seem.

Most of you were in the top 10% of your high school class, and many of you will be doing "C" work at MIT. While it is nice that about 95% of you expect to be in the top half of your class, about 400 of you will have to be disappointed. However, you are competing against some of the best students in the nation, so it's a difficult race. We are not encouraging complacency, but trying to prevent unnecessary discouragement.

All MIT, the administration, the faculty, as well as your fellow students, are committed to every possible chance to do well. Almost everyone you meet here is unusually competent in his own

field, and probably several others as well. This is both a cause and an effect of his presence here.

There is much more here than classes and homework, and you will be glad if you take advantage of the activities on campus, and the metropolis around it. Girls, relaxation, and fun are an important part of life!

Housing the family

With the opening of the Married Students' Housing on the west end of campus this summer, Chairman Killian lost title to having the best view of Boston and the Charles. The upper stories of the apartment tower have a longer panorama, form a higher vantage point than the Chairman's penthouse atop 100 Memorial Drive.

The 150 new apartments provide comfortable, convenient, and complete housing for married students and their wives and children. This makes it easier for these people to become an integral part of the MIT community, an important step forward.

However, tenants must add to these conveniences the effects (and there will be some demoralizing ones) of the in-breeding of married students' viewpoints.

For undergraduates, the big housing improvement is the new and lavish McCormick Hall for 116 lucky coeds. They glowingly describe it as gorgeous, beautifully furnished, "luxury plus," and convenient, and one lovely coed smiled happily as she spoke of the "good food."

Functionally, the new house provides for almost all the girls' needs. The gleaming stainless steel kitchen is equipped with the latest equipment as well as the usual 5000 standardized Stouffer recipes.

Upstairs, there are ironing rooms and kitchenettes on each floor, and a roomy penthouse lounge that overlooks the Charles.

The rooms, painted in a contemporary off-white, have clean lines, comfortable furniture, and plenty of storage space. One petite sophomore described her 16 by 22 foot double as "huge."

On the main floor, the spacious living room, stately dining room, magnificent carpeted hallways, and sheltered garden courtyard complete the near palatial luxury of the dorm.

Judging from the new construction, MIT seems to be moving beyond the "whole man" to the "whole family" concept in university education.

New editors

The Board of Directors of The Tech has accepted with regret the resignations of David E. Trevett '65, managing editor; Richard L. Schmalensee '65, features editor; and Joseph S. Baron '66, photography editor.

The Board announces the following appointments: Stephen N. Teicher '66, of Baker House and Hampton, Virginia, will serve as photography editor. Lyall D. Morrill '66, of East Campus and Fort Wayne, Indiana, becomes layout editor. Walter A. Winsball '64, of Alpha Epsilon Pi and Detroit, Michigan, will be acting features editor.

Inside Incomm

Brains, Brawn, & Smiles Combined in Class of '67

by Jerry Luebbers, UAP

I am told that the SAT math average for the Class of '67 was 742, the English an unprecedented 669. This is a continuation of an exciting, and certainly a rewarding trend. But even more significant is the observation of what we of the Student Government hope will be but another step in a changing trend.

In meeting and talking with the new Freshmen, one can hardly escape noticing the frequency of burly football players, of lanky high school basketball stars, of quick smiles, ready wit and overall personality.

The College Board and National Merit scores made evident the fact that we again have a gratifying number of high school scholars, yet we see simultaneously the increased breadth of character.

If being able to meet in the same group a valedictorian and a high school baseball player offered a major league contract is an indication of a change in the MIT personality, I for one say it's a healthy one.

To the MIT Class of 1967: Welcome to one of the most rigorous

educations available in the world today; welcome to a nationally recognized intramural and inter-collegiate athletic system; welcome to the home of over 70 activities; and welcome as the complement to a group of 3500 of the finest people we could hope to know.

To the Classes of 1964, '65, and '66: Welcome back, and good luck in putting these freshmen in line. Be sure they get to know what MIT is all about.

To the Faculty and Administration: You've done an excellent job of selecting the Class of '67, and are now charged with the responsibility of challenging their intellectual as well as personal capacity.

To the Editors and supporting staff of The Tech: I hope I have not "over-philosophized," but I am as impressed with the entering freshmen as I have been with the other classes, and I do not seem able to make them aware of the opportunities open to them in the precise way achievable only by newspapermen.

Kibitzer

By MICHAEL LINAH

NORTH
♠ A 8 7 4
♥ A K 10 5 4 3
♦ K 4
♣ 9

WEST
♠ Q 2
♥ J 9 7 6 2
♦ 9 6 3
♣ K 7 2

EAST
♠ 10 5
♥ Q 8
♦ A Q J
♣ A Q 8 5 4 3

SOUTH
♠ K J 9 6 3
♥ none
♦ 10 8 7 5 2
♣ J 10 6

East-West are vulnerable. East deals. The Bidding:
East South West North
1♣ 1♠ Pass 4♠
All pass
West led the heart six

Opportunity knocks infrequently, as the adage goes, so it is important to answer it, even if it requires an unusual reply. Today's South made a slight error in his play, but in order to capitalize on it each of the defenders in turn had to make a play never usually made in correct play.

North put his partner in game after South made a somewhat sketchy overcall. North's action is correct, since his four spades to the Ace constitute excellent support, fixing spades as trump. For him to name his hearts, it could only confuse his partner and give his opponents additional information.

West opened the six of hearts against the Four Spade contract. After winning the heart Ace in dummy, a club being thrown from his hand, declarer led the heart King, pitching another club. Declarer, basing his play on establishment of the heart suit, led the three of hearts from dummy.

East properly ruffed with the ten of spades, forcing declarer to overruff with the Jack. His aim was to establish a trump trick for his partner, which would have occurred if his partner held QJ or K9 of spades. Of

course, this didn't materially but since his trumps were worthless, it was worth the try.

Declarer now led the King of spades, then a small trump to the Ace drawing all outstanding trumps. Now a small club was led from dummy. East put up his Ace, in case declarer had the King. When declarer played the Jack, and his partner played the two, showing three cards in the suit, East knew the declarer was now out of clubs.

Rather than give declarer a ruff and sluff, East started to play the Ace of diamonds, but changed his mind. East instead gave declarer a deliberate ruff and sluff. His reasoning was as follows: to cash the Ace of diamonds definitely will help declarer by establishing his King, whereas a ruff and sluff may not be as helpful. In any event the diamond Ace cannot be lost.

Declarer ruffed in his hand, discarded a diamond from dummy. Next he led a diamond to the Ace. East returned the Queen of diamonds, dummy ruffing. Declarer was now in trouble, but he had a swindle play ready. He led the four of hearts from dummy, pitched a small diamond from his hand, throwing West in. This was the situation:

NORTH
♠ 8
♥ 10 5

WEST
♥ J
♦ 9
♣ K

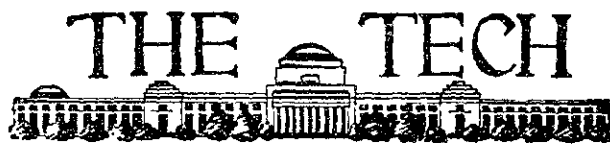
EAST
♦ J
♣ Q 8

SOUTH
♥ 9
♦ 10 8

If West returns either red suit declarer ruffs, the other hand being established for the balance of the tricks. West instead returned a club, giving declarer a ruff and sluff, but setting up one trick, since he must now lead another diamond or heart trick.

Note that declarer can make his contract if he starts diamonds before he ruffs anything. He will give up two diamond tricks after drawing trumps, but ruff one diamond setting up the suit for ten tricks.

PROBLEM
You West, hold ♠ 3 2, ♥ 4 1, ♦ Q J 10 9, ♣ A 10 9 6. The bidding has proceeded:
North East South West
1♥ Pass 1♠ Pass
3♥ Pass 4♦ Pass
4♠ Pass 6♠ All Pass
What is your opening lead?
Answer next week.



Vol. LXXXIII No. 15 Sept. 20, 1963

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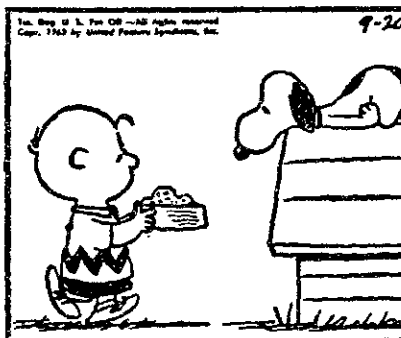
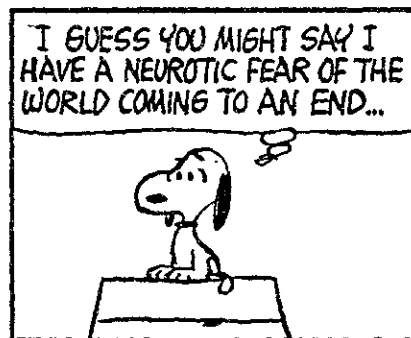
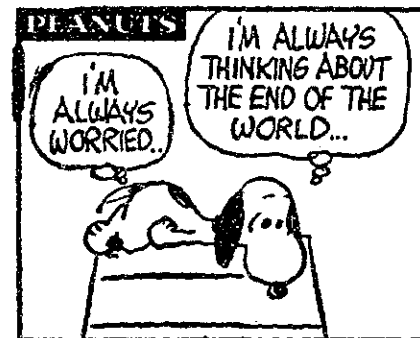
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Unsigned editorials in The Tech are the opinion of The Tech's Board of Directors, not that of MIT.

The Tech welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed, but names will be withheld upon request.

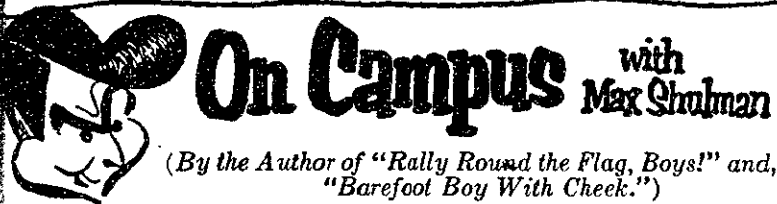


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On Campus with Max Shulman

(By the Author of "Rally Round the Flag, Boys!" and, "Barefoot Boy With Check.")

ONCE MORE UNTO THE BREACH, DEAR FRIENDS

Today I begin my tenth year of writing this column in your campus newspaper. Ten years is a long time; it is, in fact, what some scholarly people like to call a decade—from the Latin word *deccum*, meaning the floor of a ship. It is, to my mind, remarkable that the Romans had such a word as *deccum* when you consider that ships did not exist until 1620 when John Alden invented the Mayflower. Alden, a prodigiously ingenious man, also invented the ear lobe and Pocahontas.

Ships were a very popular mode of travel—especially over water—until 1912 when the Swede, Ivar Krueger, invented the iceberg. Krueger also invented the match, which is a good thing, because without the match, how would you light your Marlboro Cigarettes? I cannot overstate the importance of lighting your Marlboro Cigarettes, for Marlboro Cigarettes, unlighted, provide, at best, only limited smoking pleasure.



You might even call it the limp or spongy sell

I mention Marlboros because this column is an advertisement, brought to you through the school year by the makers of Marlboros. Marlboros come in soft pack or Flip-Top box. The makers of Marlboros come in dark suits with thin lapels—except on weekends when they come in yoke-neck jerseys and white duck trousers. White ducks come in flocks. They are primarily fresh water dwellers, although they have been successfully raised in salt water too. Another salt water denizen I'm sure you will find enjoyable is plankton—a mess of tiny organisms like diatoms and algae and like that which float sluggishly near the surface of the sea. It is ironic that these creatures, microscopic in size, should supply the principal source of food for the earth's largest animal, the whale. Whales, I must say, are not at all pleased with this arrangement, because it takes the average whale, eating steadily, 48 hours to gather a day's meal. This leaves them almost no time for water sports or reading Melville. It is a lucky thing for all of us that whales are unaware they are mammals, not fish, and could, if they tried, live just as well on land as in water. I mean, you add ten or twelve million whales to our Sunday traffic and you would have congestion that makes the mind boggle.

But I digress. Today, I was saying, I begin my tenth year of writing this column for Marlboro Cigarettes in your campus newspaper. I will, in each column, say a few kind words about Marlboros—just as you will, once you try that fine tobacco flavor, that pristine white filter, that supple soft pack, that infrangible Flip-Top box. These references to Marlboro will be brief and unobtrusive, for I do not believe in the hard sell. What I favor is the soft sell—you might even call it the *limp* or *spongy* sell. I hasten to state that the makers of Marlboro in ten full years have not once complained about my desultory sales approach. Neither have they paid me.

But that is of small consequence. Aside from fleeting mentions of Marlboro, this column has another, and more urgent, mission: to cast the hot white light of free inquiry upon the vexing questions that trouble college America—questions like "Should the Student Council have the power to levy tariffs?" and "Are roommates sanitary?" and "Should housemothers be compelled to retire upon reaching the age of 26?"

Perhaps, reasoning together, we can find the answers. Perhaps not. But if we fail, let it never be said that it was for want of trying.

I thank you.

© 1963 Max Shulman

The makers of Marlboro are happy to bring you another year of Max Shulman's unpredictable and uncensored column—and also happy to bring you fine filtered Marlboros, available in pack or box, wherever cigarettes are sold in all 50 states.

College World

Construction, curricula, and housing mark changes on nation's campuses

By Toby Zidle '63

Throughout the United States, the most noticeable changes on the nation's college campuses will be those caused by construction. Few, however, will cause as much sudden commotion as the changes that appeared one week at Dartmouth College.

In particular, Dartmouth's Department of Buildings and Grounds was supposed to partition one room of Carpenter Hall into an office and a seminar room. The remodeling first came to light when one professor "opened the door to the office and beheld seven feet of masonry staring me in the face."

In the construction of the wall, one detail had been omitted—the door. A check with Building and Grounds revealed that, in addition to the missing door, the wall had been built three feet from its intended position. The office had been divided into two compartments, leaving one part inaccessible.

After tearing down the wall, the workers moved to a nearby office where they were found measuring for another partition. An alert secretary insisted that they leave. Undaunted, they headed for a studio down the hall. There they speedily erected another concrete wall.

The structure completed, the workmen noticed that something was not entirely right—the 12-foot wall had no ceiling. Consulting headquarters, they discovered that the ceiling should have been

at nine feet. Calmly, they built it at specified level and left with three extra feet of wall protruding through the ceiling.

The next project was a six-foot wall, dividing the studio into two sections. This, too, was misplaced and had to be torn down and rebuilt.

Later in the day, an Art Department professor returned to his office, only to find workmen punching through a wall with a sledge hammer. A warning was then sent out to all Art Department personnel, cautioning them not to leave their offices unattended at any time.

Subsequent investigation showed the cause of the chaos to be lines randomly placed on blueprints by an unknown doodler. In their zeal, workmen had been following the drawings faster than their superiors could check their work.

Now Given For Credit

Many of the changes at colleges around the country involve curricula. The University of Washington, for example is offering for the first time with degree credit, courses in mountain climbing.

Classes are being taught by the Men's Physical Education Department. This does not mean, however, that women will not be invited to enroll. In fact, it is expected that about half of the students registered for the courses will be women.

Classes in mountain climbing had been taught at the university since 1956. Enrollment then was 20 students. The classes have since then been getting increasingly popular. The Spring quarter in 1963 set a new record, with 106 students. Five instructors and five assistant instructors were required in order to handle a class of that size. All classes through the 1963 Spring quarter were given without credit, however.

The course to be given in the Autumn quarter is Basic Mountaineering, to be followed in the next quarter by Winter Mountaineering, which is designed to instruct students in snow and ice climbing, snow shoeing, ski touring, arctic survival, and all-weather rock climbing. Neither course requires previous mountaineering experience.

Co-Ed Dorms

An expected change at many colleges is the opening of new dormitories. Occasionally even the housing policies change. Such was the case at the University of Miami, which had planned to experiment with a co-educational dormitory during the 1963 summer session.

At the time the announcement was made, the committee working on the proposal had not reached any definite decisions but expressed hopes that restrictions in the dorm would be limited to the "bare necessities."

The committee said that it looked on the project as an "experiment in student self-discipline." The school will impose no restrictions on student activities. Rule-making, instead, will rest with a committee of dormitory residents.

The planning committee had drawn up a number of recommendations to make to the dormitory committee. One of the recommendations advised that curfews be eliminated for both men and women. Students need only indicate where they intend to be—in case of emergency. Similarly, there would be no restrictions on dress or movement through the building.

According to the Miami Hurricane, the plan provoked "endless amazement and debate."

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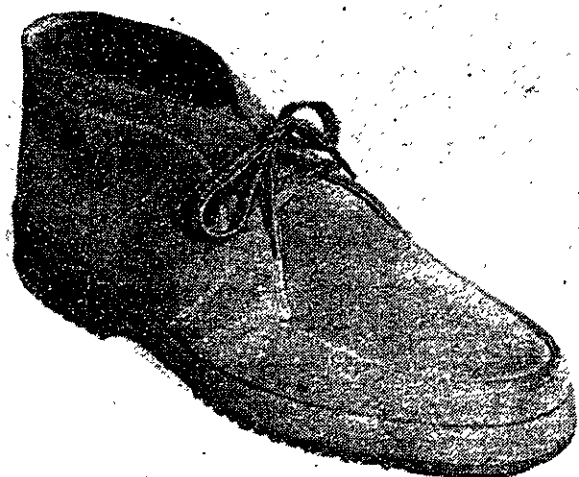
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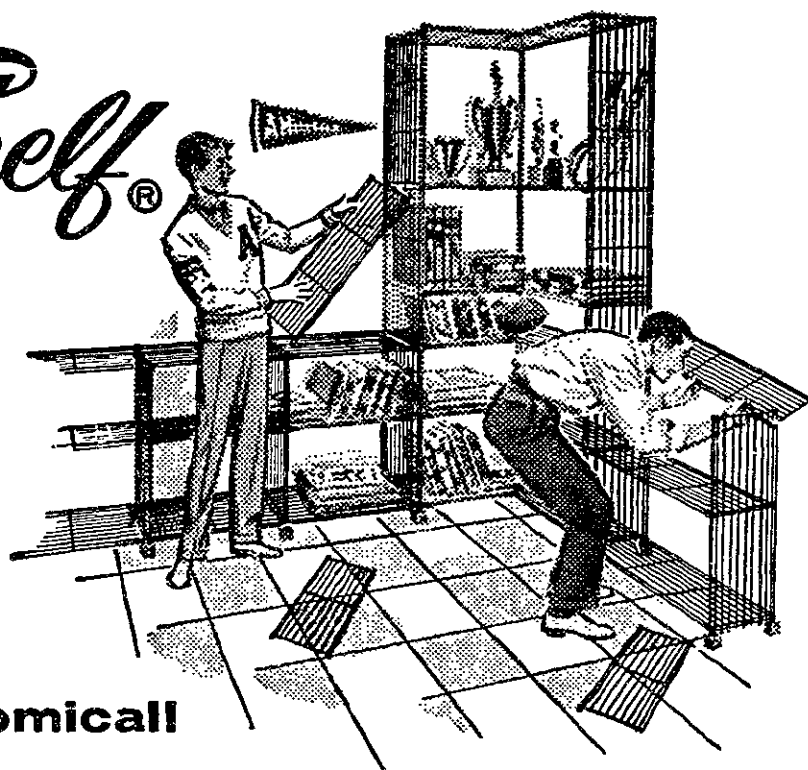
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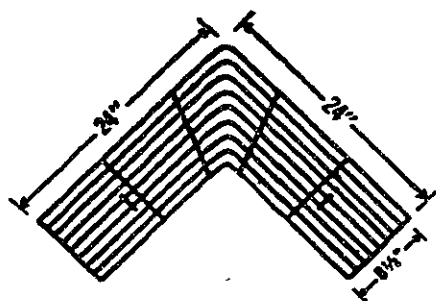
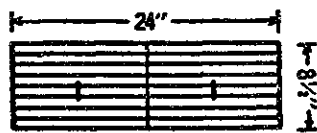
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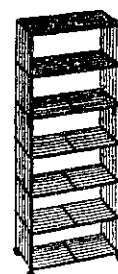
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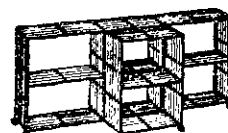
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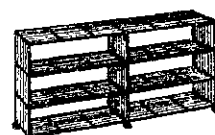
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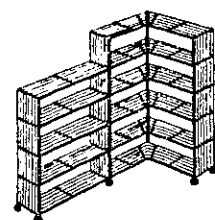
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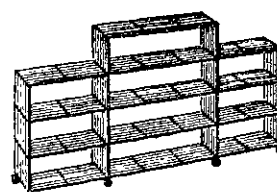
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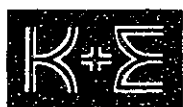
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movies...

'Cleopatra' does not live up to advertising claims

By Gilberto Perez - Guillermo

In "Cleopatra," easily the most expensive movie ever made, Joseph L. Mankiewicz, the director, has attempted to transcend the spectacle category. Some of his previous work ("The Barefoot Contessa," "Suddenly, Last Summer") displayed an unusual talent, and his direction of actresses such as Ava Gardner in "Contessa" and Elizabeth Taylor in "Summer" was often notable. Hence, it seemed possible to regard Mr. Mankiewicz' boasting about the seriousness and artistry of "Cleopatra" as something more than a mere addition to the extensive press campaign in favor of the film. Unfortunately, "Cleopatra" does not live up to these hopes. Mr. Mankiewicz has let his talent be swallowed up by the spectacle genre, and the film does not succeed at any artistic level. "Cleopatra" consists of two parts, the first of which is concerned with Caesar and Cleopatra.

It is hard to see the point of this long, dull section, since it is almost entirely devoid of meaning, artistry or dramatic interest. In spite of Rex Harrison's commendable performance, the character of Caesar fails to come to life. One supposes this first section was intended as a preamble to the second, which undeniably interested Mr. Mankiewicz more, but it is about an hour too long at that.

The section on Antony and Cleopatra is, at any rate, a better one. The portrayal of Mark Antony as a man tormented by the shadow of a great man offers more interesting dramatic possibilities, and

Richard Burton gives a good performance as Mark Antony. Where Mr. Mankiewicz fails, however, is in his treatment of the amorous relationship between Antony and Cleopatra, and of its interaction with politics. Deviating from Shakespeare's treatment of the same subject (sometimes with painful consequences, as when Cleopatra doesn't beat the messenger bringing news of Antony's marriage to Octavia), Mr. Mankiewicz has chosen to portray Cleopatra as the politically interested party and Antony as some sort of drunkard passionately in love with her. Not only is the love unconvincingly portrayed, but its conflict with politics lacks dramatic consistency. Consider the character of Octavian, for instance. Mr. Mankiewicz, like Shakespeare, chooses to portray him as a cold, insensitive politician. In "Antony and Cleopatra," he embodied the Roman way of life, which clashes against the Egyptian way all throughout the play. In "Cleopatra" there is

no such conflict, and the character of Octavian emerges as an odd caricature without much relevance.

Visually, Mr. Mankiewicz has never been a master, and the film lacks the brilliance some other spectacles have offered. "Cleopatra" looks expensive, but this is hardly enough. The battles are singularly unexciting, and the choreography and decor have little visual grace. I recall only two scenes as being pictorially effective; the murder of Caesar and Antony's withdrawal from the battle of Actium.

Thus, "Cleopatra" fails not only at more serious levels, but at the spectacular level it attempted to surpass. And the performance of Elizabeth Taylor as Cleopatra is rather unconvincing: it is hard to picture Miss Taylor as any other than Miss Taylor. Her most significant contribution to the film comes at the box-office level where the generous display of her features should prove effective.

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movie schedule

ASTOR — "Wives and Lovers," no times available
BEACON HILL — Lawrence of Arabia, 9:30, 1:05, 4:40, 8:10
BOSTON CINERAMA — "How the West Was Won," 8:30; matinee Wednesday, Saturday 2:00, Sunday 1:00, 4:45
BRATTLE — Irene Papas as "Electra" from the play by Euripides, 5:30, 7:30, 9:30; matinee Sat. at 3:30. Starting Sun.: Fellini's "Il Bidone" ("The Swindle"), 3:30, 5:30, 7:30, 9:30, weekdays at 5:30, 7:30, 9:30
CAPRI — "The L-Shaped Room," 10:30, 12:35, 2:45, 7:10, 9:25
CINEMA — "Lord of the Flies," no times available
EXETER — "Murder at the Gallop," 2:20, 4:10, 6:00, 7:45, 9:35
FINE ARTS — "A Summer to Remember," 5:30, 8:45; "Ballad of a Soldier," 7:00, 10:00
GARY — "Condemned of Altona," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00
HARVARD SQUARE — Leslie Caron in "The L-Shaped Room" at 2:15, 4:40, 7:10, 9:25
KIETH MEMORIAL — "Love of Money," 11:15, 2:50, 6:20, 9:55; "A French Mistress," 9:30, 1:00, 4:35, 8:10
LOEW'S ORPHEUM — "The Haunting," "Dime with a Halo," no times available
LSC — "Horrors of the Black Museum," Saturday, Kresge Audit., 8:00 free
MAXFLOWER — "Three Stooges Go Around the World in a Daze," 11:20, 2:40, 5:50, 9:10; "Siege of the Saxon," 10:00, 1:10, 4:30, 7:45
MUSIC HALL — "Cleopatra," 2:00, 8:00
PARAMOUNT — "Rock A Bye Baby," 9:40, 1:05, 4:30, 7:55; "Don't Give Up the Ship," 11:30, 2:55, 6:20, 9:45
PARK SQ. CINEMA — "8½," no times available
PILGRIM — "Women of the World," 9:55, 1:50, 5:40, 9:25; "Madame," 11:50, 3:45, 9:35
SAXON — "Irma La Douce," 11:30, 2:00, 4:30, 7:00, 9:30
UPTOWN — "Gathering of Eagles," 1:15, 5:20, 9:30; "Call Me Bwana," 11:20, 5:25, 7:35
WELLESLEY COMMUNITY PLAYHOUSE — "The Longest Day," evenings 7:45, matinees Wednesday, Saturday 2:00
COLONIAL — "Who's Afraid of Virginia Woolf?" 8:00
JOHN HANCOCK HALL — "Space Is So Startling," evenings 8:30, matinees Wednesday, Saturday 2:30
SHUBERT — "110 in the Shade," 8:30 matinees Saturday 2:30, Thursday 2:15
WILBUR — "The Private Ear—The Public Eye," 8:30

Theatre Schedule

BSO Concert
Friday, Sept. 27, 2:00; Sat., Sept. 28, 8:30; Symphony Hall, Erich Leinsdorf conducting: Hindemith, Symphonic Metamorphosis; Barber, Symphony No. 1; Brahms, Symphony No. 1.
Pesso Dance Company
to hold tryouts Sept. 29
Tryouts for new members of the Pesso Dance Company will be held on Sunday, September 29, at 2:00 pm. They will be at the Dance Circle Studios, 1111 Boylston Street.



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Forum to begin with Malcolm X

The Ford Hall Forum begins its fall season September 29 with Robert St. John speaking on 'Everchanging Africa.'

The Forum is an assembly of people for the purpose of discussing all matters of public interest. It presents acknowledged leaders of various fields with full opportunity for participation by the audience.

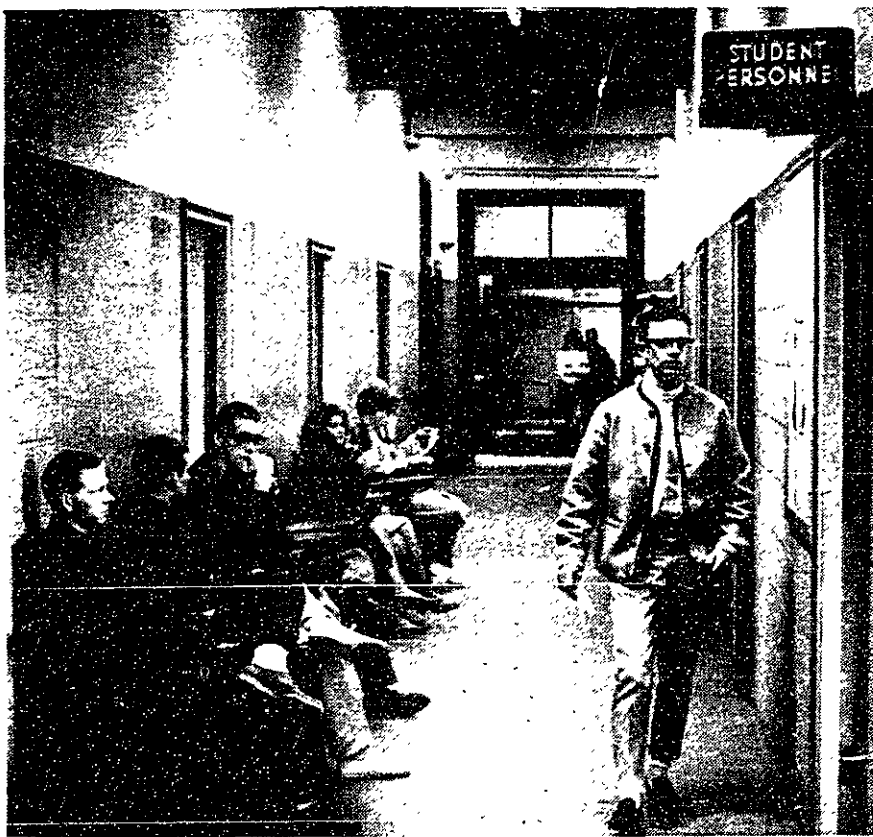
During the fall season, the Forum will present:

- Oct. 6 Malcolm X — 'God's Solution to America's Race Problem'
- Oct. 13 James Farmer — 'The Civil Rights Revolution'
- Oct. 20 Vance Packard — 'America in Upheaval—the Seven Great Changes of Our Time'
- Oct. 27 Dwight Macdonald — 'Mass Culture: Threat or Promise to America?'
- Nov. 3 Senator Clifford Chase — 'Congress and Congressional Reform'
- Nov. 10 Max Lerner
- Nov. 17 Mr. and Mrs. Fred Hechinger — 'Teen-Age Tyranny'
- Nov. 24 Fulton Lewis III vs. James A. Burkhardt — 'The Campus Generation, Right or Left?'
- Dec. 1 Atty.-Gen. Edward W. Brooke and Paul T. Smith
- Dec. 8 Ambassador John K. Galbraith
- Dec. 15 John Rock, M.D. — 'Sex, Science and Theology vs. Growth Rates'

In the spring season, there will be Ayn Rand, Dr. Margaret Mead and others.

The Forum meets in Jordan Hall at 8:00. Admittance is free, but for those who would like to be sure of seats when the more popular speakers talk, membership is \$3.00.

Man Wanted?



Unemployment will end soon for these students on line outside the Student Personnel office in Bldg. 1. The line continued all day Tuesday. —Photo by Stephen Teicher

Metallurgy books show early printing techniques

First edition books tracing the history of metallurgy from the 16th to the 20 centuries will be shown in the ground floor of Hayden Library from September 16 through 30.

The exhibition of more than 50 metallurgical books has been assembled by Dr. Cyril Stanley Smith, Institute Professor, for a centennial celebration in honor of Dr. H.C. Sorby, discoverer of the microstructure of steel.

Piere Nervi's designs at Hayden

'Creative Engineering,' an exhibition of Pier Luigi Nervi's architectural designs and buildings, will be in the Hayden Gallery through October 7, weekdays from 10 to 5 pm and weekends from 1 to 5 pm.

Nervi's constructions are achieved through the use of 'Ferro-cemento,' a revolutionary kind

of reinforced concrete he developed. This slab of cement, which is strengthened by layers of steel mesh, can withstand great amounts of strain.

The exhibit was sponsored by the Architectural League of New York, and was given to MIT in 1962 after being circulated by the American Federation of Arts.

Keenan criticizes N.Y. Times article on MIT

MIT has been credited with an effort to reconcile the schisms in the science-engineering-humanities triangle, in a New York Times Magazine article August 18.

The article, which most MIT personnel seem to consider flattering to the Institute, was written by David Boroff, professor of

English at New York University. Mr. Boroff interviewed students and selected faculty members during a visit to MIT last Spring.

Mr. Boroff cited the pivotal role the 'new breed of scientists' are now playing in world affairs as an indication that MIT, 'generally considered the leading scientific center in the world,' is a topic of wide interest.

Mr. Boroff's use of the word 'science' and its derivatives in the above and other cases, however, was the topic of a critical letter to the editor, published in the magazine September 15, from Joseph H. Keenan, professor of mechanical engineering.

Professor Keenan criticized Mr. Boroff for attributing, 'as does the public, engineering accomplishments to science.' Engineering, Professor Keenan asserted, 'is probably even more congenial to the American temperament than science.'

Among his impressions, Mr. Boroff found that MIT people 'exhibit toward Cal Tech the same kind of condescension that one does toward a gifted little brother.'

He quoted unidentified professors as saying that they want to teach undergraduates, and that although their colleagues and the administration may not recognize charlatanism in a teacher, the students do.

Making the Scene

THIS WEEK
LSC Movie — 'Horrors of the Black Museum,' Saturday, Kresge Auditorium, 8:00, free
Gardner Museum — Eugene Indjic, pianist, Sept. 22, 3:00: Beethoven's Thirty-Two Variations in C minor; Schumann's 'Why,' 'Dream Visions'; Chopin's Sonata in B flat minor; Rachmaninoff's Prelude No. 5; Liszt's Etude, Debussy's 'Reflets dans l'eau'
Book Exhibit — the history of metallurgy, Hayden Library, through September 30
'Creative Engineering' — Pier Nervi's architectural designs and buildings, Hayden Gallery, weekdays 10 to 5, Saturdays and Sundays 1 to 5

S M T W T F S
 20 21
 22 23 24 25 26 27 28
 29 30 1 2 3 4 5
NEXT WEEK
Ford Hall Forum — Robert St. John, 'Everchanging Africa,' Sept. 29, 8:00, Jordan Hall, free
'The Hostage' — Charles Playhouse, beginning Oct. 2, 8:30, Saturday 5:30, 9:00; Sunday 3:00, 7:30

BSO begins eighty-third season

The Boston Symphony Orchestra will open its eighty-third season on September 27 in Symphony Hall. Erich Leinsdorf will begin his second year as the Music Director.

Pierre Monteux and Charles Munch, the only living former Music Directors of the Orchestra, will be guest conductors this season. Leopold Stokowski will make his first appearances with the Orchestra this winter.

Five pianists will perform with the Orchestra, including the Turkish pianist Idil Biret, who will be making her American debut. Other pianists are Mme. Jeanne-Marie Darre, Lorin Hollander, Rudolf Serkin and Van Cliburn.

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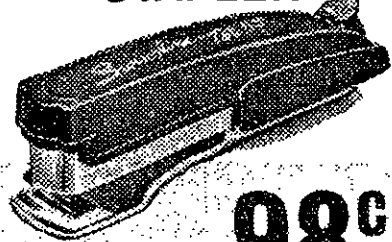
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WTBS schedule

WTBS, 88.1 megacycles FM, educational FM radio at M.I.T., will resume broadcasting at 7 p.m. Wednesday, September 18th. Here is the WTBS weekly program schedule for the remainder of September.

SUNDAY

- 7:00 pm News
- 7:10 pm Special
- 9:00 pm News
- 9:05 pm Masterworks
- 12:00 am Sign Off

MONDAY THRU THURSDAY

- 7:00 pm News
- 7:10 pm Calliope
- 9:00 pm News
- 9:05 pm Masterworks
- 12:00 am News and Sign Off

FRIDAY, SEPT. 26

- 7:00 pm News
- 7:10 pm Nite Owl
- 9:00 pm News
- 9:05 pm Nite Owl
- 12:00 am News and Sign Off

FRIDAY, SEPT. 27

- 7:00 pm News
- 7:10 pm Jazz Special
- 9:00 pm News
- 9:05 pm To be announced
- 12:00 am News and Sign Off

SATURDAY

- 7:00 pm News
- 7:10 pm To be announced
- 9:00 pm News
- 9:05 pm Nite Owl
- 12:00 am News
- 12:10 am Nite Owl
- 2:00 am News and Sign Off

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SAT., SEPT. 20 8 PM, KRESGE

Major firms cease campus cigarette advertising

(Continued from Page 1)
which attempt to pay their own way.

According to the president of the Tobacco Institute, campus promotions have been discontinued to emphasize the industry's position, which has "always been that smoking is an adult custom." Out-of-industry observers have suggested that the move is an attempt to appease smoking's vocal antagonists who say that

smoking and lung cancer are to some extent cause and effect, and who deplore flagrant cigarette advertising.

Although companies made their intentions known, individually, on the issue, it appears that the only company which is not backing the consensus to the full is Philip Morris, which will continue to advertise Marlboro cigarettes in a humor column written by Max Shulman.

Over 900 college newspapers are represented for national advertising by the National Advertising Service, and editors this summer were informed by NAS that it would probably not be able to replace lineage lost. However, NAS indicated that it was attempting to develop new accounts in existing classifications and in new ones.

Such new classifications might include the liquor industry, which has not previously been a major campus advertiser. If this should occur, opponents of cigarette ads on health or moral grounds might embarrassingly find they had prodded what they consider an even more objectionable element into the press.

The tobacco ads carried benefits to the newspapers beyond their apparent revenue value. Since they were a consistent advertiser, they tended to smooth out the peaks in the other advertising lineage which were due to seasonal factors.

In the Tech, the climaxes of fall and spring job recruiting would, without the balancing tobacco advertising, disrupt consistent news publication.

Among the papers receiving ads from NAS, tobacco copy has accounted for a minimum of nearly 30% of the space devoted to national advertising. Because advertising rates decrease as the total space requests of the advertiser increase, income from the tobacco accounts, which are comparatively large runs at somewhat less percentage.

The ratio of NAS to local advertising is also important in determining the effect of the tobacco ban, and of course those papers will be hit hardest which have relied most heavily on NAS contracts.

In addition to the newspapers, there were two other campus institutions which will be affected by the tobacco action, which have not received much notice beyond their members.

For several years, Salem cigarettes have furnished covers for college humor magazines. They were shipped to the magazine publishers, blank except for a color Salem ad on the back cover. Although a new cover sponsor has been found for the present, some concern is found among magazine editors.

The institution of the campus representative for a tobacco company, a student who passes out free smokes and promotes contests, seems completely defunct in the wake of the dropped promotions.

Cherchez la Femme:

One from Group A, one ...

Editor's Note — Each year "Cherchez la Femme" appears as a weekly column in The Tech throughout the mixer season, in an attempt to give as complete a list as possible of mixers both on and off campus. The Tech will welcome notices of mixers, open houses, etc.; please include date, time, place, admission charge, and sponsor.

Topic: Facts of Life. **Subtopic:** Mixers. **Summary:** Schools holding mixers are divided into three categories, as follows:

Group A: These girls like to hold big mixers, they want lots of people to come, and they simply adore Techmen. For these girls we list all mixers, complete with all pertinent data (time, place, etc.)

Group B: These girls also like to hold mixers, and they like Techmen very much, but they don't want to get mobbed, so they hold invitational mixers. We tell you when and where, you get your own invitation (usually from a girl you know at the school or from your living group social chairman.)

Group C: These are identical to Group B, except that they also do not want publicity. Hence we'll only give a general idea of when and where, and leave the rest up to the individual. (E.G., there's a mixer at Radcliffe tonight; good luck.)

As yet, none of the groups have set many dates, but those which have are listed below:

September 20 — Cardinal Cushing College, 8-12 pm, at Laetare Hall, 535 Boylston Street in Brookline; music by Jim Lucie and the Heightsman.

September 27 — Emmanuel College, a "social" (= mixer), 8-12 pm, maybe with a singing group from Harvard or Holy Cross; no charge.

October 4 — Lesley, Trentwell Mason White Hall, 31 Everett Street (in back of Harvard); more details later (hereafter abbreviated MDL).

October 5 — The Towers, BU, a car wash in back of the dorm during the afternoon; that night there'll be a "block party," outside in the parking lot (& alley), music by a 5 or 6-piece band; MDL on both.

October 18 — another social at Emmanuel; MDL.

October 25 — Marlboro and The Towers, BU, mixers at each; MDL.

In addition, the Towers girls are

planning to go Trick-or-Treating for pennies this Halloween, so MIT fraternities in the neighborhood had better prepare themselves.

And there'll be one of those "Group C invitationals" tomorrow night at a Boston hotel — the Simmons freshman mixer.

As a parting word, we offer a special "Cherchez" bonus: Several phone numbers in the BU dorms have been changed since the directory was put out; some of the new numbers are:

Shelton Hall	262-2220
Marlboro Hall	262-8620
The Towers	CO2-2100

There'll also be a large number of MIT fraternity and dorm mixers in the next week or so; keep your eyes on the bulletin boards, and we'll try to have more listings next week.

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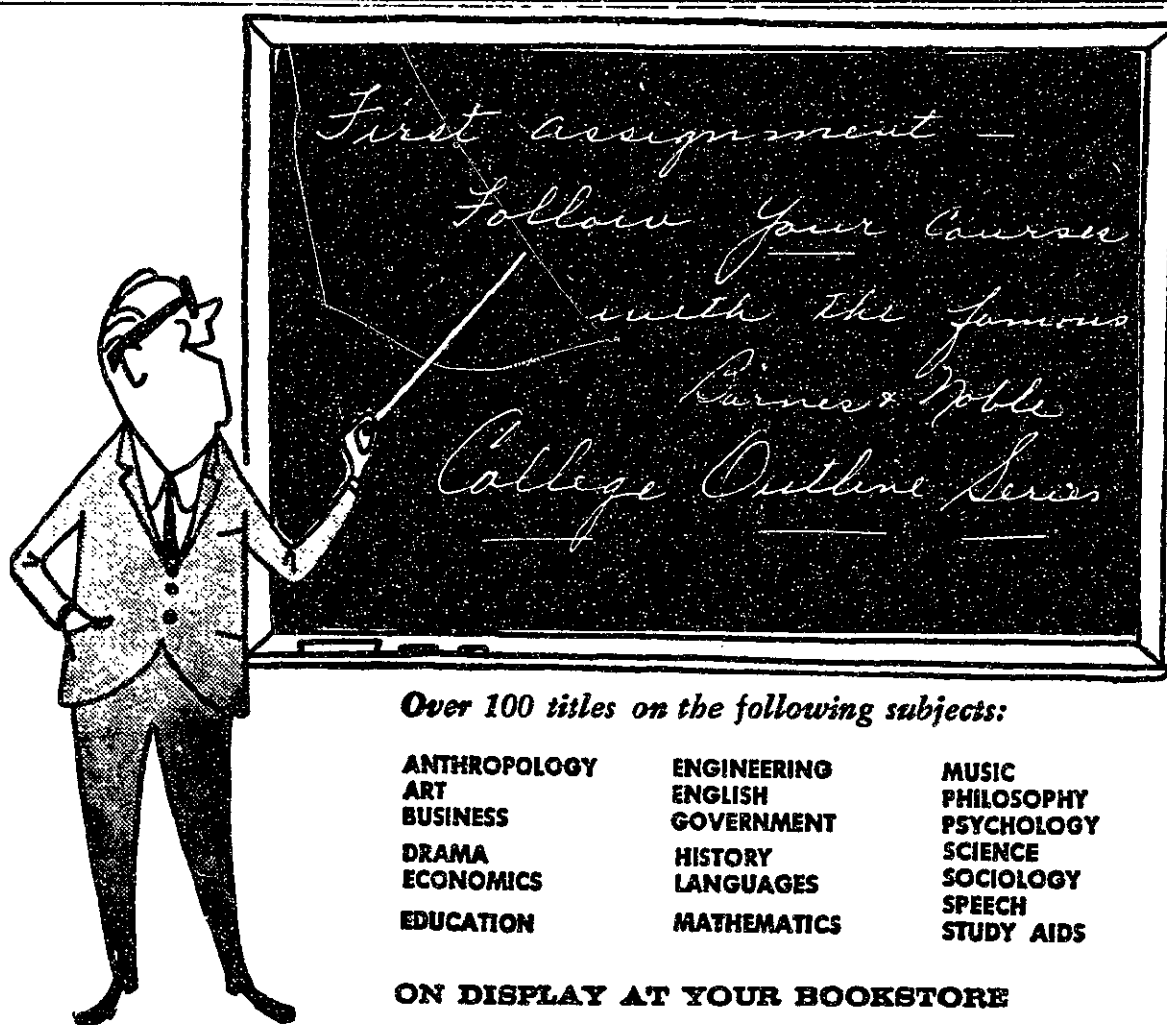
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LSC schedule

Contemporary Film Series to be offered

Three series of films have been planned by the Lecture Series Committee for presentation to the MIT community this fall. The Classic Film Series, shown on Friday nights in past years, has been moved to Sunday evenings and a

new series, the Contemporary Film Series, will replace it on Friday nights. The Entertainment Film Series will continue on Saturday nights as in the past.

The season will open this Saturday night, September 21, with a free movie, "Horrors of the Black Museum," to be shown at 8 pm in Kresge Auditorium.

Admission to the Entertainment and Contemporary Film Series is by individual ticket purchase only and this year's prices are 35 and 60 cents respectively. Those interested in the Classic Film Series will be able to purchase season admission for one for \$3 or for two for \$4. No single show admissions can be purchased for the Classic Series.

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Film schedules for the Series are as follows:

Contemporary Film Series	
DATE	FILM
Sept. 27	Stalag 17
Oct. 4	La Dolce Vita
Oct. 11	Ballad of a Soldier
Oct. 18	Animal Farm
Oct. 25	The Virgin Spring
Nov. 1	Shane
Nov. 8	L'Avventura
Nov. 15	From Here to Eternity
Nov. 22	Phaedra
Dec. 6	Boccaccio 70
Dec. 13	The Lavender Hill Mob
Jan. 10	To Catch a Thief
Jan. 17	Last Year at Marienbad
Entertainment Film Series	
DATE	FILM
Sept. 28	The Music Man
Oct. 5	Lover Come Back
Oct. 12	The Honeymoon Machine
Oct. 19	Billy Budd
Oct. 26	Carousel
Nov. 2	Days of Wine and Roses
Nov. 9	Will Success Spoil Rock Hunter?
Nov. 16	Psycho
Nov. 23	The Manchurian Candidate
Classic Film Series	
DATE	FILM
Oct. 6	Potemkin
Oct. 13	Bed and Sofa
Oct. 20	Storm Over Asia
Oct. 27	Fragment of an Empire
Nov. 3	Cabinet of Dr. Caligari
Nov. 17	Warning Shadows
Nov. 24	Variety
Dec. 8	The Joyless Street
Dec. 15	The President Vanishes
Jan. 12	The Grapes of Wrath

The Committee also has planned a number of engagements for speakers for this semester. The first of these will be John Ciardi, noted poetry critic and linguist, who will be at MIT on October 3. A November appearance by Vance Packard has also been tentatively announced.

Use of computers in school scheduling studied in Holz report

The Registrar's Office has conducted a project to determine the feasibility of automated (digital computer) school scheduling.

A report by Robert E. Holz, assistant registrar, states that the user of such programs can expect help in the clerical aspects of the problem but should not expect it to resolve disputes or irreconcilable preferences or to suggest innovations.

The computers will not take over the job of scheduling, but will be a good tool to help the scheduler do his job better. Scheduling decisions in large numbers will still have to be made by key faculty and administrative personnel.

School scheduling is defined as the process of assigning an appropriate time pattern, instructor, and classroom and the necessary students to the classes required by the school's curriculum. The schedule is formed subject by subject. The computer is given the available data and, usually by iteration, tries to come up with an optimum schedule. Any problems which the machine can't solve are then handled manually.

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SCEP to train students in tutoring

A new program designed to improve existing study aids in the various living groups has been announced by the Student Committee on Educational Policy. With the support of the Dean of Student Affairs' office, this program will involve training undergraduates in tutoring techniques for Freshmen.

Students interested in being available for informal tutoring in the dormitories or in handling regular living group quiz reviews in 5.01, 8.01, and 18.01, will be asked to register with SCEP, which will administer the program.

As it is envisioned, the training program will involve a small number of meetings and lectures for the interested students during the fall term. These will be directed toward giving those attending a brief review of the important conceptual topics of the freshman course under discus-

sion, as well as improving didactic techniques. Pertinent course materials will also be distributed to tutors. It is hoped that these informal tutors will help freshmen with basic course material as well as with quizmanship techniques.

Interested parties should return the cards enclosed in letters to be distributed to all undergraduates this weekend.

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Crews cop 3 Henley titles, grab 3rd in IRA

By C. R. Miller

Early last summer, after the Institute had closed its doors, MIT crews showed the nation that slide rules and computers aren't the Institute's only claim to fame. At the American Henley Regatta, the Engineers hauled off a truckload of silverware, as they finished first in three events and second in two. One week later at the Intercollegiate Rowing Association (IRA) National championships, the heavyweight varsity snatched third place among 15 of the top college crews in the nation, losing only to Cornell and Navy.

Intensive training pays off

As soon as exams were over, the light and heavyweight crews loaded themselves into a caravan of cars and drove to Dartmouth College, where they spent a few days preparing for the quickly approaching races. The intensive training program included two turnouts a day, lots of sleep a few calisthenics and plenty of steak and potatoes. All the crews rapidly progressed and were soon in peak physical condition. Workouts on the Connecticut River at Dartmouth became longer and harder as time went on, and endurance rose in preparation for the long races to come.

Seek national ranking

Soccermen shoot for top

MIT'S soccer team started practice Monday, September 16, and is looking forward to another great season. Last year's 6-1-1 record ranked Tech as one of the best in the East and the booters will be after a national ranking this year. Although most lettermen are returning, coach Charles Batterman welcomes new candidates.

The soccermen are scheduled to clash with some of the top squads in the nation this fall. National semifinalists Springfield and Bridgeport, and Ivy League co-titlist Harvard number among the

On to Saratoga Lake
On Friday, June 6, the caravan from MIT proceeded on to Saratoga Springs to take part in Saratoga's Racing Centennial Celebration. The American Henley Regatta, which was held on Saratoga Lake, included all kinds of boat races, from singles to eight man boats. MIT competed exclusively in the eights.

Tech sweeps at 2 Kilometers

The Varsity lightweights started things rolling as they defeated Saint Catherine's of Ontario, Canada by a length and a half over the 2000-meter course. They took first honors in the lightweight eights race with a winning time of 6:20.8. This year's lightweight crew captain, Mark Barron '64 stroked the victorious crew.

The heavy eights race had three entries: the MIT Varsity heavies, the Vesper Boat Club of Philadelphia and Saint Catherine's heavyweight crew of Ontario. The engineers led all the way down the two kilometer course, and hit the wire with a full length lead over second place Vesper Boat Club. St. Catherine's was well off the pace in third place. The finishing time for MIT was an excellent 5:58.7.

Lights win Dash

The quarter-mile dash was an-

nounced as having been entered by the New York Athletic Club and "a host of MIT crews", including the Varsity lightweights, the JV heavies and a combination boat. The Varsity lights chalked up their second victory of the day by sprinting over the quarter mile course in 1:11.6. They were followed by the MIT JV, the New York A.C. and the MIT combination boat in that order.

MIT heavyweight JV and Freshman crews took second and third honors respectively in the second eights race, which was won by a strong New York A.C. crew. The JVs, who were a scant one second in front of the Frosh, trailed the winners by 7.7 seconds at the wire, and finished the race in 6:26.6.

Heavies surprise at Syracuse

The heavyweights continued to practice on Saratoga Lake after the American Henley races until June 14, when they moved on to Syracuse to compete in the annual IRA championships. Fifteen crews competed in the three mile Varsity race, which was full of surprises. Shortly after the start, the Navy crew, which hadn't won a race all year, was leading the pack, and the Engineers from MIT, who were rated about tenth, were holding second position. Cornell, the favorite, was in third place. The situation remained this way for two miles as the engineers at an unusually low pace for an MIT crew — 29 strokes per minute. With a mile to go, the Big Red from Cornell made its bid and pulled up even with Navy after passing the Tech boat. A final drive by Cornell gave them the race with a winning time of 17:24. Navy trailed by three seconds and MIT by 6 seconds, with California, Wisconsin, Syracuse, Washington and the rest of the crews following behind the frontrunners.

The JV heavies managed to capture the fifth spot out of twelve among the crews in their three mile race, which was won by Navy in 17:28.8. Washington, California and Cornell finished in sec-

ond, third and fourth spots.

The freshmen finished ninth out of twelve crews in their two-mile competition.

Good season last year

Last year's season was indicative of the manner in which the MIT crews have been turning in increasingly fine performances during the past few years. The lightweight varsity went undefeated until their last collegiate race of the season in which they were defeated by a scant four feet. The heavies had a fairly successful season, as they defeated BU and Yale and finished third in the IRA. Two of the races the heavyweights lost were heartbreakingly close, yet decisive: one to Harvard by two feet and another to Wisconsin by three inches.

Olympics ahead

Presently, everyone is thinking about the Olympics of 1964 and what chance MIT has of competing in them. Judging from the past few seasons and the way the crew has been shaping up for the coming season, a squad of Tech oarsmen representing America at Tokyo is not outside the realm of possibility.

Bill Weber '64, 3 Syracuseans win oar crown

Big Bill Weber '64, who wielded the five oar on last year's Varsity, won national acclaim this summer. Weber and three Syracuse men won the National Championship in the four-oared shell with coxswain class.

The four practiced under the watchful eyes of MIT freshman coach Dick Erickson and Varsity coach Jack Frailey. They entered their four man crew in the Independence Day Regatta at Philadelphia and rowed to victory in the race for four-oared shells with coxswain. They then went to the National Championships at Philadelphia where they again defeated the competition, which included a 1960 Olympic medal winner and two Pan American Games metal winners.

Weber rowed later in the summer in an eight man shell, composed of the original four plus four men from the Lake Washington Rowing Club of Seattle. An organized and strong Vesper Boat Club from Philadelphia won this race by five seconds.

Spring Roundup

By JOHN REINTJES

MIT's lacrosse men won 2

MIT varsity teams enjoyed varied success and failure last spring. Tech athletes swept to winning records in tennis and golf, but found themselves well below the 500-mark in baseball and lacrosse. The trackmen had a 3-5 record in regular meets but closed out the season with an excellent third in the Greater Boston Championships and a sparkling first in the Eastern Championships at MIT.

MIT's varsity golfers won six out of their last seven meets to bring their season record to 11 wins and 7 losses. The Engineers downed UNH, Merrimack, BU, Babson, Colby, and WPI in their late season surge. The only meet they dropped during this period was to Springfield by a score of 7-0. The Techmen placed fourth in the Greater Boston tournament and finished fifteenth in the New England Championships.

Bill Lakin '64 and Emilie Sardi '64 (were elected co-captains of next year's squad.

Tech's netmen took their last three matches and eight of their last nine to finish the season with a 11-5 record. Their last three wins came against Coast Guard 9-0, Amherst 7-2, and Brandeis 9-0. They placed sixth in the New England.

Terry Chatwin '63 was 12-4, Captain Bent Aasnaes '63 finished with a 11-4 total, and Mike Long recorded 11 wins against 3 losses in singles competition. The combinations of Aasnaes and Jack Moter '64 5-1, and Chatwin and Bob Blumberg '64 7-3 led the squad in doubles competition. Moter was chosen to lead next spring's team.

Tech's baseball squad closed out the season with 3 wins and 16 losses. The Techmen defeated Pennsylvania Military Academy 3-2 while they were on their annual spring trip. They split a double-header with WPI, winning the second game 3-1 after an 8-5 loss. The Engineers also split with Coast Guard, winning the first 6-5 but dropping the second 10-2.

Dave Dunford '64 led the squad in hitting with a .356 average. Don Alusic '64, next year's captain, batted .286 and Kent Groninger '63 hit .229.

The Techmen will play four games with BU during the next two weeks in a short fall baseball season.

games while losing 11 last spring. The Techmen downed WPI 14-3 and defeated Trinity 5-3. Wayne Matson '64 led the team in scoring with 25 goals and 3 assists. Ed Dreiss '64 contributed 15 goals and 3 assists while Tony Weikel '63 recorded 10 goals and 8 assists. Weikel was chosen captain of next year's team.

The trackmen won 3 meets and lost 5 during the regular season and then placed first in the Easterns and third in the Greater Boston Championships.

During the season, the Techmen downed Brandeis 85-41, Tufts 95-40, and UNH 65-29. In the Easterns, the Engineers scored 64 points and placed first in five events. Al Tervalon '65 took the high hurdles with a record-breaking time of 14.8 seconds. Terry Dorschner '64 finished second and Jim Flink '64 came in fifth. Flink won the 100-yard dash in 10.0 seconds and the 220-yard dash in 21.5 seconds.

Dorschner won the 220-yard low hurdles in 24.2 seconds, while Tervalon placed second and Forrest Green '63 finished fourth. Larry Schoeri, Rex Ross, Rusty Epps and Sumner Brown combined to win the freshmen medley relay in 3:41.8.

Flink led the Techmen in scoring with 87 points. Dorschner was second with 62 and Tervalon was next with 55 points.

9.01

Introduction To Sports MIT Athletics

By Thomas Sheahan '62

The many contributions made to science and industry by the Institute and its traditionally high academic standards have all but obscured its part as pioneer in intercollegiate sports. Few people realize that MIT introduced intercollegiate sailing competition or was on the first to recognize the fast growing though little known sport of weightlifting.

Every Sport But Football

Because of the lack of bigtime sports at Tech, the athletic program has received little notice. It is, however, one of the most complete to be found in any university, large or small. The program includes every sport, major or minor, with the single exception of football.

Participation in varsity, freshman and JV athletics is perhaps the most complete anywhere. Almost one-third of the undergraduates have, at one time or another participated in the intercollegiate program.

At the Institute you will find no "minor" sports — all sports are treated equally. This is perhaps the essence of the MIT athletic attitude.

Competition Most Important

It is obviously impossible for a college such as MIT to compete in the so-called big-time in every sport without granting special privileges to athletes and recruiting prospects. Competition is scheduled with schools of the same class. In this way the calibre of the competition varies as does the calibre of the MIT team. The result is good competition for every sport. MIT has found the answer to overemphasis not in the equally

undesirable complete de-emphasis but in the proper emphasis.

Will To Win

MIT athletes are out to win. The spirit of competition — the will to win — exists no matter who the opponent might be, and the purpose of athletics is kept alive and in focus throughout the sports program.

A win by the basketball team over a comparatively minor league opponent rates just as high as a win by the crew over a definitely big-league adversary.

Many Outstanding Teams

MIT has many excellent teams. Our fencers won the New England Championships last winter and our soccer squad's 6-1-1 record ranks them near the top in New England. The hoopmen finished with a 14-8 record to complete their third outstanding season in a row.

The wrestlers are second in

Duplin seizes crown in star sailing class

Joe Duplin, MIT's assistant sailing master, captured the international star class world sailing championship in Chicago last Saturday.

Over the 12 mile course, Duplin defeated Lowell North from California who previously held the title three times.

The week before Lowell won the North American star class championship, which placed him in contention for the world event.

Duplin then won the difficult fleet eliminations enabling him to enter the world championships in which men from 20 countries including Russia, Germany and France participated.

New England and the judo team won the Northeastern Collegiate Championship for the second year in a row. Our heavyweight crew finished third in the IRA and the lightweights were undefeated until their final meet. The trackmen won the Eastern Championships last spring at MIT.

Participation Stressed

The athletic program at Tech is designed to allow the fullest possible participation. Many of the sports, like crew and squash require no previous experience.

The athletic facilities are constantly being improved. Since the completion of the Dupont Athletic Center, the spotlight has been on new equipment. In a few years, more construction will begin on athletic facilities.

The fall sports program offers an excellent opportunity for fun and competition — why not give it a try?

The star class is the oldest one-design boat competition in the world.

Frosh soccer talent needed; inquire at midway tonight

Under new freshman soccer coach Bill Morrison, Tech yearlings will commence final practice on Monday, September 23rd. Morrison, a former Springfield soccer undergraduate, welcomes all prospective soccer players, regardless of previous experience. Freshmen are encouraged to inquire about this growing sport at the Midway tonight.

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